

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/003514

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J4/02 B01L3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01J B01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, PAJ, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	LINDER V ET AL: "Reagent-Loaded Cartridges for Valveless and Automated Fluid Delivery in Microfluidic Devices" ANAL. CHEM., vol. 77, no. 1, 1 January 2005 (2005-01-01), pages 64-71, XP002326648 the whole document ----- -/-	1-90

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

13/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hoogen, R

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 488 894 B1 (MIETHE PETER ET AL) 3 December 2002 (2002-12-03)	1-3,6, 10-12, 16,17, 19-21, 25,28, 29, 39-41, 44-46, 48-51, 54,56, 59-64, 66,68, 70-74, 81,83, 85-87
Y	column 1, lines 8-15	4,5,7-9, 13-15, 18, 22-24, 26,27, 30-38, 42,43, 47,52, 53,55, 57,58, 65,67, 69, 75-80, 82,84, 88-90
Y	column 3, line 66 - column 4, line 10 column 6, lines 10-48; figures 11,12  US 2002/142618 A1 (PARCE J. WALLACE ET AL) 3 October 2002 (2002-10-03)	4,5,7-9, 13-15, 18, 22-24, 26,27, 30-33, 38,42, 43,47, 52,53, 55,57, 58,65, 67,69, 75-80, 82,84
Y	paragraphs '0002!, '0003!, '0014! - '0016!  WO 91/01003 A (SECRETARY OF STATE FOR HEALTH IN HER BRITANNIC MAJ) 24 January 1991 (1991-01-24) cited in the application the whole document	34-37, 88-90

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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